

Amendments to the Claims:

Before claim 1 on page 16 insert --I claim:--

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-19 (Cancel)

20. (New) A motor vehicle electrical system, comprising: a generator, a battery, a starter and a high-capacity capacitor for storing electric energy for the starting process of a motor vehicle engine, a voltage transformer and an interrupter which are connected in parallel between the capacitor and the battery and which are controlled for preparing a starting process of the motor vehicle engine in such a way that the voltage transformer transforms the voltage (U_{Batt}) of the battery into a larger voltage and the interrupter interrupts the electrical connection between the battery and the capacitor.
21. (New) A motor vehicle electrical system according to claim 20, wherein the voltage (U_{Batt}) of the battery in a charged state is within the range of approximately 12.5 V and the voltage transformer increases the voltage (U_{Batt}) of the battery by several volts to preferably approximately 16 V.
22. (New) A motor vehicle electrical system according to claim 20, further comprising a control unit for activating the voltage transformer and for opening the interrupter.

23. (New) A motor vehicle electrical system according to claim 22, wherein the control unit effects an activation of the voltage transformer and an opening of the interrupter for a short time prior to the start of the starting process of the motor vehicle engine for charging the capacitor.
24. (New) A motor vehicle electrical system according to claim 22, wherein the control unit activates the voltage transformer and opens the interrupter in dependence on the detection of an open state of a vehicle door.
25. (New) A motor vehicle electrical system according to claim 24, wherein the control unit is connected to a sensor for detecting the open/closed state of the vehicle door.
26. (New) A motor vehicle electrical system according to claim 22, wherein the control unit activates the voltage transformer and opens the interrupter in dependence on the detection of the position of the ignition key.
27. (New) A motor vehicle electrical system according to claim 27, wherein the control unit activates the voltage transformer and opens the interrupter upon the detection of the ignition key position “ignition ON”.
28. (New) A motor vehicle electrical system according to claim 23, wherein the control unit deactivates the voltage transformer while the interrupter is open, as soon as the starting process of the motor vehicle engine is initiated.
29. (New) A motor vehicle electrical system according to claim 23, wherein the control unit closes the interrupter as soon as the starting process was successfully terminated.

30. (New) A motor vehicle electrical system according to claim 29, wherein the control unit monitors the voltage of the generator and closes the interrupter in dependence on the voltage level of the generator.

31. (New) A method for starting a motor vehicle engine with a motor vehicle electrical system, comprising a generator, a battery, a starter and a high-capacity capacitor for storing electric energy for the starting process of the motor vehicle engine, the method comprising:

detecting an imminent starting process during which the motor vehicle engine is put into operation by means of the starter,

charging the high-capacity capacitor, wherein

an electrical connection between the battery and the high-capacity capacitor is interrupted, and

the voltage (U_{Batt}) of the battery is transformed by a voltage transformer into a higher voltage, and

supplying the starter with energy from the high-capacity capacitor for starting the motor vehicle engine.

32. (New) A method according to claim 31, wherein an open state of a vehicle door is detected for detecting an imminent starting process.

33. (New) A method according to claim 32, wherein an open state of the driver's door is detected.
35. (New) A method according to claim 32, wherein the position of the ignition key is detected for detecting an imminent starting process.
36. (New) A method according to claim 35, wherein the ignition key position "ignition ON" is detected.
37. (New) A method according to claim 31, wherein the transformation of the voltage (U_{Batt}) of the battery to a higher value is terminated as soon as the starter is activated.
38. (New) A method according to claim 31, wherein the battery is electrically connected to the generator as soon as the motor vehicle engine runs by itself.
39. (New) A method according to claim 38, further comprising detecting, in dependence on the voltage level of the generator, whether the motor vehicle engine runs by itself.